



# Utah Division of Air Quality

Date \_\_\_\_\_

## New Source Review Section

Company \_\_\_\_\_

Site \_\_\_\_\_

### Form 15

### Rock Crushing and Screening

Equipment Information																																							
<p>1. Check the appropriate crushing operations used in your process:</p> <p>Type of Unit _____</p> <p>Manufacturer _____</p> <p>Model _____</p> <p>Date Manufactured _____</p> <p> <input type="checkbox"/> Primary Crushing type    <input type="checkbox"/> Cone    <input type="checkbox"/> Jaw    <input type="checkbox"/> Ball  <input type="checkbox"/> Secondary Crushing type    <input type="checkbox"/> Cone    <input type="checkbox"/> Jaw    <input type="checkbox"/> Ball  <input type="checkbox"/> Tertiary Crushing type    <input type="checkbox"/> Cone    <input type="checkbox"/> Jaw    <input type="checkbox"/> Ball </p> <p>Screen Manufacturer _____</p> <p>Model and Date Manufactured _____</p> <p>Screen type and size (triple, double, or single deck) _____</p>		<p>2. Dust sources will be controlled as follows:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: center;">No Control</th> <th style="text-align: center;">Pre Soaked</th> <th style="text-align: center;">Water Spray</th> <th style="text-align: center;">Bag house</th> <th style="text-align: center;">Other (explain)</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Feed hopper</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td><input type="checkbox"/> All belt transfer points</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td><input type="checkbox"/> Inlet to all crushers</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td><input type="checkbox"/> Exit of all crushers</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td><input type="checkbox"/> All shaker screens</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>			No Control	Pre Soaked	Water Spray	Bag house	Other (explain)	<input type="checkbox"/> Feed hopper	-	-	-	-	-	<input type="checkbox"/> All belt transfer points	-	-	-	-	-	<input type="checkbox"/> Inlet to all crushers	-	-	-	-	-	<input type="checkbox"/> Exit of all crushers	-	-	-	-	-	<input type="checkbox"/> All shaker screens	-	-	-	-	-
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<p>3. Water Sprays</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; padding: 5px;"> <p>Total Water Rate to nozzles (gal/min): _____</p> </td> <td style="width: 25%; border: 1px solid black; padding: 5px;"> <p>Nozzle pressure (psi): _____</p> </td> <td style="width: 50%; border: 1px solid black; padding: 5px;"> <p>Quantity of nozzles at each spray bar location: _____</p> </td> </tr> </table>		<p>Total Water Rate to nozzles (gal/min): _____</p>	<p>Nozzle pressure (psi): _____</p>	<p>Quantity of nozzles at each spray bar location: _____</p>	<p>4. Maximum Plant Production Rate and Operating Hours:</p> <p>_____ tons/yr    _____ tons/hr</p> <p>_____ hrs/yr    _____ hrs/day</p>																																		
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<p>5. Water sprays used on stockpiles?</p> <p><input type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>Stockpile size: _____</p>		<p>6. Number of conveyor belt transfer and drop points: _____</p>																																					

- NOTE:**
1. **Submit this form in conjunction with Form 1 and Form 2.**
  2. To relocate a Aggregate Plant submit Form 15b.
  3. Call the Division of Air Quality (DAQ) at **(801) 536-4000** if you have problems or questions in filling out this form. Ask to speak with a New Source Review engineer. We will be glad to help!
  4. This project may be subject to New Source Performance Standards. If so, additional information may be requested for the engineering review.

#### Instructions

1. Indicate the type, manufacturer, and model of the equipment. Mark the appropriate box for the kind of crushing at the facility and indicate the type (cone, ball, jaw) of crushing being done.
2. Mark the appropriate box for the control device for the emission points.
3. List the specifications of the water sprays. Check vendor literature or call sales agent.
4. Indicate the maximum amount of product that will be processed by the facility in tons per hour, the number of hours the facility will be run per day and number of days/year.
5. Are water sprinklers used on stockpiles? Indicate the size of the stockpile(s).
6. The number of belt drop points.